

10/581507

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Dated: June 1, 2006

Signature: _____

(Lilla Olsen)

1/20 Rec'd PCT/PTO 01 JUN 2006

Patent

Docket No. 514862003600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Marie HOLMGREN et al.

Serial No.: Not Yet Assigned

Filing Date: Concurrently Herewith

For: FERMENTATION PROCESS, STARTER
CULTURE AND GROWTH MEDIUM

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of foreign documents and non-patent literature are submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☒ **With the application; accordingly, no fee or separate requirements are required.**
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.

- ☐ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of ___ is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of ___ is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other

Application No. Not Yet Assigned
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Information Disclosure Statement

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fees due in connection with the filing of this document to Deposit Account No. 03-1952
referencing docket no. 514862003600.

Dated: June 1, 2006

Respectfully submitted,

By Michael R. Ward

Michael R. Ward

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AP2003-4-POL-PTO 01 JUN 2006

ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Marie HOLMGREN
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	514862003600

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US-4,591,560	05-27-1986	Kainuma et al.	
	2.	US-4,840,903	06-20-1989	Wu	
	3.	US-5,372,939	12-13-1994	Lastick et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	4.	BECKMAN, C. H. et al. (1953) "The growth of oak wilt fungus with various vitamins and carbon and nitrogen sources," STN International, File CAPLUS, CAPLUS accession no. 1953:73325, document no. 47:73325	
	5.	Biotech Res Inst et al., (1981) "Fermentative prodn. of ethanol from materials contg. starch - using Trichoderma enzyme mixt. to hydrolyse non-starch components," WPI/DERWENT, week 198116, AN 1981-29047D, WO8100857, April 2, 1981, abstract	
	6.	GALBE, M. et al. (2002) "A review of the production of ethanol from softwood," Appl Microbiol Biotechnol, 59: 618-628	
	7.	International Search Report mailed March 30, 2005, for international patent application no. PCT/SE2004/001786, filed December 1, 2004, 3 pages	
	8.	NAG RAJ, T. R. et al. (1974) "New Zealand Fungi 21. <i>Chalara</i> (Corda) Rabenhorst," New Zealand Journal of Botany, 12: 115-129	
	9.	SINGH, Ajay et al. (1992) "Bioconversion of Cellulosic Materials to Ethanol by Filamentous Fungi," in <u>Advances in Biochemical Engineering/Biotechnology</u> , 45, Fiechter, A. ed., Springer-Verlag, pages 29-55	

Examiner Signature	Date Considered
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sf-2138932

ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if known		
				Application Number		Not Yet Assigned
				Filing Date		Concurrently Herewith
				First Named Inventor		Marie HOLMGREN
				Art Unit		Not Yet Assigned
				Examiner Name		Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number		514862003600

	10.	Standard Search Report mailed March 6, 2006, for international patent application no. PCT/SE2004/001786, filed December 1, 2004, 3 pages	
	11.	SUN, Ye et al. (2002) "Hydrolysis of lignocellulosic materials for ethanol production: a review," Bioresource Technology, 83: 1-11	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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